

PCT09

RAW SEQUENCE LISTING DATE: 06/04/2002 PATENT APPLICATION: US/09/830,981 TIME: 14:52:24

Input Set : A:\033392-001.ST25.txt

Output Set: N:\CRF3\06042002\I830981.raw

ENTERED

```
4 <110> APPLICANT: Eberhard Hildt
              Stephanie Schmidt
      7 <120> TITLE OF INVENTION: Polypeptide Mediating Cell Permeability
      9 <130> FILE REFERENCE: 033392-001
     11 <140> CURRENT APPLICATION NUMBER: US 09/830,981
C--> 12 <141> CURRENT FILING DATE: 2002-04-15
     14 <150> PRIOR APPLICATION NUMBER: PCT/DE99/03506
     15 <151> PRIOR FILING DATE: 1999-11-03
    17 <150> PRIOR APPLICATION NUMBER: DE 198 50 718.6
    18 <151> PRIOR FILING DATE: 1998-11-03
     20 <160> NUMBER OF SEQ ID NOS: 20
     22 <170> SOFTWARE: PatentIn Ver. 2.1
     24 <210> SEQ ID NO: 1
     25 <211> LENGTH: 36
    26 <212> TYPE: DNA
    27 <213> ORGANISM: Artificial Sequence
    29 <220> FEATURE:
     30 <223> OTHER INFORMATION: Description of Artificial Sequence:
              Cell permeability mediating polypeptide
    33 <220> FEATURE:
    34 <221> NAME/KEY: CDS
    35 <222> LOCATION: (1)..(36)
    37 <400> SEQUENCE: 1
    38 ccc tta tcg tca atc ttc tcg agg att ggg gac cct
                                                                           36
    39 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro
         1
    43 <210> SEQ ID NO: 2
    44 <211> LENGTH: 12
    45 <212> TYPE: PRT
    46 <213> ORGANISM: Artificial Sequence
    48 <220> FEATURE:
    49 <223> OTHER INFORMATION: Description of Artificial Sequence:
              Cell permeability mediating polypeptide
    53 <400> SEQUENCE: 2
    55 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro
    56
                                             10
         1
    60 <210> SEQ ID NO: 3
    61 <211> LENGTH: 36
    62 <212> TYPE: DNA
    63 <213> ORGANISM: Hepadnavirus
    66 <220> FEATURE:
    67 <221> NAME/KEY: CDS
    68 <222> LOCATION: (1)..(36)
```





RAW SEQUENCE LISTING DATE: 06/04/2002 PATENT APPLICATION: US/09/830,981 TIME: 14:52:24

Input Set : A:\033392-001.ST25.txt
Output Set: N:\CRF3\06042002\1830981.raw

70 <400> SEQUENCE: 3 73 ccc tta tcg tca atc ttc tcg agg att ggg gac cct 36 74 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 78 <210> SEQ ID NO: 4 79 <211> LENGTH: 12 80 <212> TYPE: PRT 81 <213> ORGANISM: Hepadnavirus 84 <400> SEQUENCE: 4 87 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 88 1 5 92 <210> SEQ ID NO: 5 93 <211> LENGTH: 36 94 <212> TYPE: DNA 95 <213> ORGANISM: Hepadnavirus 97 <220> FEATURE: 98 <221> NAME/KEY: CDS 99 <222> LOCATION: (1)..(36) 101 <400> SEQUENCE: 5 103 ccc ata tcg tca atc ttc tcg agg att ggg gac cct 36 104 Pro Ile Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 105 1 108 <210> SEQ ID NO: 6 109 <211> LENGTH: 12 110 <212> TYPE: PRT 111 <213> ORGANISM: Hepadnavirus 113 <400> SEQUENCE: 6 115 Pro Ile Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 116 1 120 <210> SEQ ID NO: 7 121 <211> LENGTH: 36 122 <212> TYPE: DNA 123 <213> ORGANISM: Hepadnavirus 125 <220> FEATURE: 126 <221> NAME/KEY: CDS 127 <222> LOCATION: (1)..(36) 129 <400> SEQUENCE: 7 131 ccc ata tcg tca atc ttc tcg agg act ggg gac cct 36 132 Pro Ile Ser Ser Ile Phe Ser Arg Thr Gly Asp Pro 133 1 5 136 <210> SEQ ID NO: 8 137 <211> LENGTH: 12 138 <212> TYPE: PRT 139 <213> ORGANISM: Hepadnavirus 142 <400> SEQUENCE: 8 144 Pro Ile Ser Ser Ile Phe Ser Arg Thr Gly Asp Pro 145 1 149 <210> SEQ ID NO: 9 150 <211> LENGTH: 36





RAW SEQUENCE LISTING DATE: 06/04/2002 PATENT APPLICATION: US/09/830,981 TIME: 14:52:24

Input Set : A:\033392-001.ST25.txt

Output Set: N:\CRF3\06042002\1830981.raw

- 151 <212> TYPE: DNA
- 152 <213> ORGANISM: Hepadnavirus
- 154 <220> FEATURE:
- 155 <221> NAME/KEY: CDS
- 156 <222> LOCATION: (1)..(36)
- 158 <400> SEQUENCE: 9
- 160 cac atc tcg tca atc tcc gcg agg act ggg gac cct 36
- 161 His Ile Ser Ser Ile Ser Ala Arg Thr Gly Asp Pro
- 162 1 5 10
- 166 <210> SEQ ID NO: 10
- 167 <211> LENGTH: 12
- 168 <212> TYPE: PRT
- 169 <213> ORGANISM: Hepadnavirus
- 171 <400> SEQUENCE: 10
- 173 His Ile Ser Ser Ile Ser Ala Arg Thr Gly Asp Pro
- 174 1 5 10
- 178 <210> SEQ ID NO: 11
- 179 <211> LENGTH: 12
- 180 <212> TYPE: PRT
- 181 <213> ORGANISM: Hepadnavirus
- 183 <400> SEQUENCE: 11
- 185 Leu Leu Asn Gln Leu Ala Gly Arg Met Ile Pro Lys
- 186 1 5 1
- 190 <210> SEQ ID NO: 12
- 191 <211> LENGTH: 12
- 192 <212> TYPE: PRT
- 193 <213> ORGANISM: Hepadnavirus
- 196 <400> SEQUENCE: 12
- 198 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro
 - 99 1 5 1
- 203 <210> SEQ ID NO: 13
- 204 <211> LENGTH: 12
- 205 <212> TYPE: PRT
- 206 <213> ORGANISM: Hepadnavirus
- 209 <400> SEQUENCE: 13
- 211 Thr Ile Asp His Val Leu Asp His Val Gln Thr Met
- 212 1 5
- 216 <210> SEQ ID NO: 14
- 217 <211> LENGTH: 12
- 218 <212> TYPE: PRT
- 219 <213> ORGANISM: Hepadnavirus
- 222 <400> SEQUENCE: 14
- 224 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro
- 225 1 5 10
- 229 <210> SEQ ID NO: 15
- 230 <211> LENGTH: 12
- 231 <212> TYPE: PRT
- 232 <213> ORGANISM: Hepadnavirus
- 234 <400> SEQUENCE: 15





RAW SEQUENCE LISTING DATE: 06/04/2002 PATENT APPLICATION: US/09/830,981 TIME: 14:52:24

Input Set : A:\033392-001.ST25.txt

Output Set: N:\CRF3\06042002\1830981.raw

236 Thr Ile Gln His Val Met Asp His Ile Asp Ser Val 241 <210> SEQ ID NO: 16 242 <211> LENGTH: 12 243 <212> TYPE: PRT 244 <213> ORGANISM: Hepadnavirus 247 <400> SEQUENCE: 16 249 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 254 <210> SEQ ID NO: 17 255 <211> LENGTH: 12 256 <212> TYPE: PRT 257 <213> ORGANISM: Hepadnavirus 260 <400> SEQUENCE: 17 262 Thr Leu Ser Pro Val Val Pro Thr Val Ser Thr Ile 263 1 267 <210> SEQ ID NO: 18 268 <211> LENGTH: 12 269 <212> TYPE: PRT 270 <213> ORGANISM: Hepadnavirus 273 <400> SEQUENCE: 18 275 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro 1 10 279 <210> SEQ ID NO: 19 280 <211> LENGTH: 12 281 <212> TYPE: PRT 282 <213> ORGANISM: Hepadnavirus 285 <400> SEQUENCE: 19 287 Thr Leu Ser Pro Val Val Pro Thr Val Ser Thr Thr

299 Pro Leu Ser Ser Ile Phe Ser Arg Ile Gly Asp Pro

file://C:\Crf3\Outhold\VsrI830981.htm

291 <210> SEQ ID NO: 20 292 <211> LENGTH: 12 293 <212> TYPE: PRT

297 <400> SEQUENCE: 20

300

294 <213> ORGANISM: Hepadnavirus





VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,981

DATE: 06/04/2002 TIME: 14:52:25

Input Set : A:\033392-001.ST25.txt

Output Set: N:\CRF3\06042002\I830981.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date